

In this code, a Windows Forms application is created with various interactive controls such as ComboBox, ScrollBar, ListBox, PictureBox, and RadioButtons. The application allows users to select an item from the ComboBox, which is then added to a ListBox. The appearance of the ListBox dynamically changes based on the position of a TrackBar, providing a dark or light mode effect.

When an item is selected in the ListBox, the corresponding image is displayed in a PictureBox. The images are loaded from resources based on the selected index in the ListBox. Additionally, three RadioButtons are included, and a message is displayed when one of them is checked, indicating a correct choice.

Here's a breakdown of the flow:

1. ComboBox Selection:

- Users select an item from the ComboBox (ComboBox1).
- The selected item is added to the ListBox (ListBox1).

2. ScrollBar:

- The ScrollBar (ScrollBar) is used to dynamically change the appearance of the ListBox based on the scroll position.
- Scrolling to the right changes the ListBox to dark mode, while scrolling to the left changes it to light mode.

3. ListBox Selection:

- When an item is selected in the ListBox, the `ListBox1_SelectedIndexChanged` event is triggered.
- The `DisplayImage` function is called to display the corresponding image in the PictureBox (PictureBox1).

4. DisplayImage Function:

- The `DisplayImage` function loads an image from resources based on the selected index in the ListBox.
- It sets the image in the PictureBox or clears it if no matching index is found.

5. RadioButtons:

- Three RadioButtons (RadioButton1, RadioButton2, and RadioButton3) are present.
- A message is displayed when any of the RadioButtons is checked, indicating a correct choice.